

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

CONSTRUCTION SPECIFICATION

CS-24: "TERRACES"

24.1 SCOPE

This construction specification is applicable for the construction of level, basin, or gradient terraces with fill heights of 4.0 feet or less. The terraces shall be constructed at the location with cross-section and grade as shown on the drawings. The construction shall be in conformance with all requirements of this specification, unless otherwise noted on the drawing.

24.2 MATERIALS

All fill materials shall be obtained from the excavation. Earth fill shall not contain frozen material, sod, brush, roots, or other foreign materials, or rock fragments with a maximum dimension of 4 inches. Fill shall not be placed on a frozen surface.

24.3 CONSTRUCTION

The terrace shall be constructed with the specified cross-section and to the gradient shown in the plan using laser-controlled equipment or field staking. The terrace ridge shall be placed in uniform layers not to exceed 6 inches. The constructed terrace ridge shall be at least 120% of the design height. This additional height will allow for settlement and some soil movement during initial tillage.

The fill sections shall be compacted by routing of the hauling and spreading equipment over the fill in such a manner that the entire surface of each layer of fill will be traversed by not less than one track or wheel track of the equipment.